Note: This manual covers the PA11-HON interface covering the Accord up through 2002, Odyssey and CRV up through 2004 and Civic and Pilot up through 2005, the features of the PA11-HON2y are basically the same. The application information and installation information listed as well as some steps will be different for all newer models using the PA11-HON2y interface.

USA·SPEC

Model **PA11-HON**
iPod to Honda car stereo Interface

OWNER'S MANUAL

TECH. SUPPORT
(626)890-6410
9 AM ~ 4 PM PST

Thank you for purchasing USA·SPEC product. This manual describes the functions and operation of PA11-HON iPod interface for Honda. Please read this manual before installing the product in your vehicle.

Section 1. ABOUT YOUR INTERFACE PA11-HON

This interface connects an iPod directly to your Honda audio system. Its on-board software translates commands from your Honda CD changer controls into commands that the iPod understands. This interface enables the iPod to take the place of a Honda CD changer and provides the following benefits:

- Directs the iPod's audio output to Honda vehicle audio system for optimal sound quality playback.
- Controls the iPod via vehicle's radio and steering wheel controls.
- Charges the iPod's internal battery, and charging stops automatically at one hour after iPod is paused.

Compatibility

This PA11-HON interface is compatible with iPod (G3 and G4) and iPod mini models featuring a dock connector. The functionality and features of the iPod interface described in this owner's manual are confirmed with firmware version 1.3 for iPod mini, firmware version 2.3 and 3.0.2 for iPod, and firmware version 1.1 for iPod photo.

Future firmware updates for your iPod or iPod mini or iPod photo may affect the features and functions described in this owner's manual.

Display of artist and song title information, track search by artist, song title, album or genre are NOT supported. Only the Playlist number and track number are displayed on radio.

This interface is designed as an alternative replacement to the Honda 6 Disc CD changer unit in your Honda vehicle. Therefore it is not possible to have the Honda 6 Disc CD Changer and PA11-HON iPod interface simultaneously connected to your Honda radio.

Package Contents

PA11-HON contains one each of PA11-HON interface adopter, CB-H78 and CB-PA14 cables.

Applications

PA11-HON is applicable to the following vehicles:

HONDA

Accord	94-02
Civic	94-05* (Slave OEM CDP must be disconnected if there is one.)
CRV	95-04
Odyssey	95-04
Prelude	95-04
Pilot	03-04

ACCURA

Integra	92-01
Legend, Vigor	91-97

MERCEDES

(requires CAS-M4 cable from USA·SPEC)

C-class	94-98
E-class	94-98
SL	94-98
S-class	94-99

VOLVO

(requires CAS-VOL cable from USA·SPEC)

ALL Models	94-00
C70	01-02

Note : PA11-HON is not applicable to vehicles with Factory Navigation and/or DVD Systems.

Section 2. PLAYLIST MODE, DIRECT MODE and AUX OPTION

PA11-HON provides two ways to control your iPod through car radio, namely ***Playlist Mode*** and ***Direct Mode***.

2-1 ***Direct Mode***: Search and select music on iPod directly just as you would in portable use. The sound of music will play back through your car stereo. Use the track up down, fast forward and reverse buttons on your radio to control music playback. All control functions on iPod are available to use too. Please see section 4 of this manual for additional information

2-2 ***Playlist Mode***: Operate and control the iPod like it is a CD changer. This mode allows you to access up to five Playlists on the iPod. This is also referenced as External Control Mode of the iPod. The detail of Playlist creation and playback controls are in section 5 of this manual.

DIP switch #2 is for mode selection use. **"ON"** position is for ***Playlist Mode*** and **"OFF"** position is for ***Direct Mode***. It is preset to ***Playlist Mode*** at factory.

Note: Disconnect iPod from PA11-HON before switching DIP switch #2 for mode alteration.

2-3 Additional AUX INPUT Option Selection

PA11-HON interface adaptor is capable of connecting two audio sources to your Honda radio including the iPod. The additional audio source connects to the RCA input jack labeled as AUX INPTUT. If you choose to use AUX INPUT, the DIP switch #1 at the side of adaptor box must be set to "OFF" position (factory presets it at "ON" position).

The audio source at AUX INPUT can be accessed at CD 6 Track 1 after selecting CD changer SOURCE on the radio. CD1 to CD 4 are for accessing Playlists and CD 5 is for accessing all songs on iPod.

Operation of AUX

If the "AUX INPUT" option is selected, radio will display "CD 6 Track 1" when DISC button is pressed. "CD 6 Track 1" gives access to the audio source connected to AUX INPUT port.

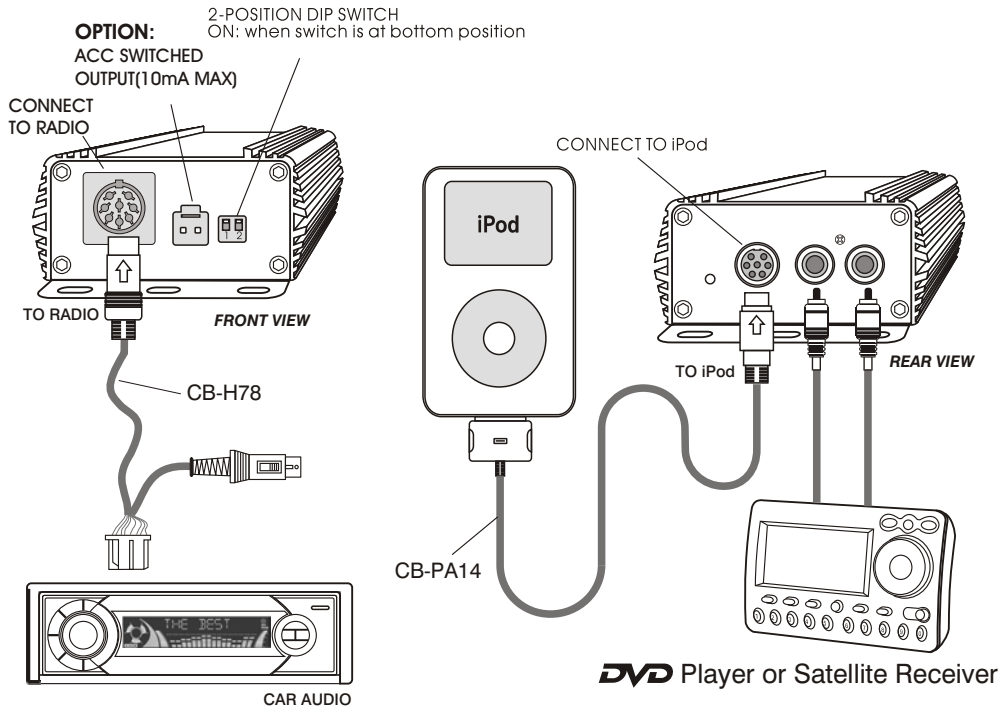
Adjust VOLUME, BASS, TREBLE and etc. as you would normally do for the other program sources on the radio.

Section 3. INSTALLATION

Step 1- Remove radio from the dash.
Step 2- Disconnect existing CD changer from the radio if there is one.
Step 3- Plug the round din plug of the CB-H78 to PA11-HON interface adaptor where it is labeled "RADIO".
Step 4- Plug the other end of CB-H78 cable to the receptor at back of radio.
(For 98 and newer Accords and all other 99 and newer Honda models, plug the blue plastic square end of the CB-H78 to the back of radio)
(For 97 and older models, remove the rubber cover with the silver warning tape and plug the round metal end of CB-H78 to the back of radio)
Step 5-a- Connect the audio output of your auxiliary devices to AUX input jack on PA11-HON adapter box if the additional AUX option is selected by setting the DIP swich#1 to "OFF" position.
Step 5-b- Set the DIP switch #2 to "OFF" position only if the ***Direct Mode*** is preferred.
Step 6- Plug CB-PA14 cable to PA11-HON adaptor where it is labeled "iPod".
Step 7- Reinstall radio to the dash.

WARNING!!

Use only the iPod connection cable which comes with PA11-HON interface adaptor. iPod Connection cables from other sources may look similar, but they may damage your iPod .



Section 4. CONNECTING & PLAYING of iPod in DIRECT MODE

When the iPod is connected to the adaptor, iPod 's screen will go blank for few seconds before the normal screen returns. Set SOURCE to CD changer on your radio, the audio of iPod music will be played back at DISC 5 and Track 1. Adjust VOLUME, BASS, TREBLE and etc. as you would normally do for the other program sources on the radio.

Section 5. CONNECTING & PLAYING of iPod in PLAYLIST MODE

5-1 Connecting iPod to the interface

Turn your HONDA radio ON before connecting your iPod. After connection, the iPod will take a few moments to change to external control mode. On the screen of iPod will then show

iPod **HONDA** OK to disconnect

and you are now able to select iPod mode.

5-2 Select iPod mode on Honda radio

Press the **CD or SOURCE** button on radio repeatedly until "CD 1-x" appears on the radio display (x is the track number of "Now Playing" song on iPod). This display confirms that iPod mode has been completely synchronized and activated. Synchronization timing varies according to the number of Playlists on your iPod.

If iPod was playing previously before radio or ACC power was OFF, and the iPod was not disconnected, playback resumes from where it was stopped.

5-3 Disconnecting iPod from the interface

If your iPod is disconnected during playback in iPod mode, the radio will automatically switch to AM/FM mode.

After disconnecting, iPod screen changes from the external control mode screen back to the normal menu. Press and hold the Play/Pause button on iPod may get the normal menu back faster.

5-4 Playback of songs on iPod

All audio tracks on your iPod will be played (All play) at DISC 6. Track order is determined by the default order on your iPod . Selecting DISC1 to DISC 5 on radio will allow playback of 5 Playlists on iPod . Every time when iPod is connected to the interface adaptor, the playback starts from "Now Playing" song at DISC 6 by default.
If iPod was playing any of its Playlist right before the connection, the same Playlist will continue to play and repeated at disc 6 but iPod will switch to "All" as soon as fast forward button (►►) is pressed.

5-5 Selecting a Playlist

Press DISC UP (Λ) or DISC DOWN (V) button to select a Playlist. The selected Playlist will begin playing and the Playlist number and track number will be displayed. In rare cases, this may take up to few seconds for the completion of synchronization.

After playing the last song in the current Playlist, playback will start again from the first track of this Playlist.

Playlist naming

- When iPod is connected to your radio via PA11-HON interface adaptor, the adaptor scans all available Playlists on iPod and looks for designated "HONDA" Playlists which are created for direct access with DISC buttons on HONDA radio. The designated "HONDA" Playlists are related to DISC number in the following manner:

  DISC 1: "HONDA1..."
  DISC 2: "HONDA2..."
  DISC 3: "HONDA3..."
  DISC 4: "HONDA4..."
  DISC 5: "HONDA5..."
  DISC 6: ALL SONGS on iPod

The naming of designated "HONDA" Playlists in iTune for PA11-HON interface must be exactly as shown. "HONDA" must be in capital letters and there can be no spaces between "HONDA" text and number.

However, you may add any text after the correct naming of a Playlist. (i.e. "HONDA1-Jazz", "HONDA3_Favorite3" are acceptable Playlist names for PA11-HON iPod interface.)

- If no designated "HONDA" Playlists are created, PA11-HON adaptor automatically relates to the first five available Playlists on iPod to DISC number 1 to 5 regardless Playlist's naming.

- If less than five designated "HONDA" Playlists are created, PA11-HON adaptor automatically fills up the rest of DISC numbers beginning with the first available Playlist on iPod. Example: if only three designated "HONDA1", "HONDA3" and "HONDA5" Playlists are created, the disc number on radio will be:

  DISC 1: "HONDA1..."
  DISC 2: (1st available Playlsit on iPod)
  DISC 3: "HONDA3..."
  DISC 4: (2nd available Playlist on iPod)
  DISC 5: "HONDA5..."

The iPod interface does not recognize a Playlists that contains no audio tracks regardless of Playlist naming. The iPod interface also does not recognize the "On-The-Go" Playlist on your iPod .

5-6 Playback function controls

You can control playback with several functions. These functions are generally cancelled when you press select radio buttons; disconnect the iPod , or POWER OFF the radio or ACC.

SCAN

Press the scan button, each track in the current Playlist play for 10 seconds. If SCAN is pressed at DISC 6, it will play all songs in iPod for 10 seconds each.

Random (Shuffle)

Press the random button (RND), songs within a Playlist will playback in random order. The display of track number will change to start from 1 as it does on the iPod .

Repeat

Repeat of a song being played is not supported.

Track Up/Down

Press the track up button to advance to the next track in the Playlist. Press the track down button to go to the beginning of the track that's being played. Press the track down button twice to go to the previous track.

If the track up or track down buttons is pressed quickly in repetition, the track numbers displayed may change unevenly. You may also hear short bits of audio during repeated presses of track up and track down buttons.

If your HONDA radio currently displays a maximum of two digits for track number. Track number 100 will be displayed as 01, Track 101 displayed as 02, track 102 as 03

Fast Track Search (x10)

Press the fast forward or fast reverse buttons (◄◄ ►►), it will advance or retreat through the tracks in the Playlist in increment of 10 (i.e. 04, 14, 24...). When the end of the Playlist is reached, the search will stop at track 1, and then continue by increments of 10 (i.e. 19, 29, 1, 11...).

Press and hold the fast forward or fast reverse buttons for more then 4 seconds, the search will jump to the last track or the first track of the Playlist.

If you are in scan mode, the mode will be cancelled.

Fast Forward/Fast Reverse Play

This function applies **only** in random mode. Since engaging or disengaging the random mode does not stop playback of the current song, you can change into or out of random mode to do the fast track search (x10) function, or the fast forward/fast backward play function.

Press and hold the forward or backward button will cause only the current tack to skip through at speed.

During fast forward, when the end of the current track is reached, the iPod will start playing the next random track at normal speed. During fast backward, when the start of the current track is reached, the track will start playing again at normal speed. To continue fast forward or fast reverse play, release the button and press it again.

Changing source to AM/FM, CD, Cassette

When a source other then the iPod is selected on radio, the iPod will pause.

Section 6. CAUTION

- In general, iPod has not been designed to withstand temperature extremes in automobiles. Please consult your iPod Owner's Manual regarding acceptable operation and storage temperatures.
- Do not disassemble or alter the cable and interface box.
- Make the connections correctly.
- Do not cut away the wire sheath or use the power for other equipments.
- Do not install in locations which might hinder vehicle operation or create hazards for vehicle occupants.
- Having the wiring and installation done by professionals.
- Arrange wiring so it is not crimped or pinched.
- Do not use this product for purposes other than stated for the vehicle.

Note: iPod, iPod mini, iPod photo and iTune are registered trade marks of Apple Computer, Inc.
XM is a trade mark of XM Satellite Radio Inc.
Honda is a registered trade mark of Honda Co., Ltd.
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USA-SPEC

Model **PA11-HON**
iPod to Honda car stereo Interface

PLAY, CONTROL & CHARGE

Your iPod through HONDA Car Stereo System!

KEY FEATURES

This interface connects an iPod or iPod mini directly to your Honda audio system with following benefits :

- Connect directly iPod's audio output to Honda vehicle audio system for optimal sound quality playback.
- In ***Playlist Mode***: Select songs and Playlists on iPod with CD changer button on radio.
- In ***Direct Mode***: Search and select songs directly on iPod.
- Maintain current Playlist when switching from portable to in-car use.
- Charge the iPod battery while playing, charging automatically ends at one hour after iPod is paused to prevent car battery drain.
- Plus-DVD player, Satellite radio or other audio device can be used in conjunction with the iPod through Aux Audio Input jack.
- Plug-n-Play : This complete package includes installation cables, mounting screws and user's manual.

COMPATIBILITY

This PA11-HON interface is compatible with
- iPod mini firmware version 1.3
- iPod firmware version 2.3 and 3.0.2
- iPod photo firmware version 1.1

Display of artist and song title information, track search by artist, song title, album or genre are NOT supported. Only the Playlist and track numbers are displayed.

APPLICATIONS

PA11-HON is applicable to the following vehicles:

HONDA

Accord	94-02
Civic	94-05*
	(Slave OEM CDP must be disconnected if there is one.)
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(requires CAS-VOL cable from USA-SPEC)

ALL Models	94-00
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